meet endeleo

APPLICATIONS

FINANCIAL
EDUCATION
CORPORATIONS
GOVERNMENT
ENTERTAINMENT
RETAIL
RESIDENTIAL

With Endeleo Distributed Media, you can send multimedia content to virtually any and every display in your facility or home. Simplify digital signage. Deliver powerful content to your financial institution. Make educational programming even easier to access.

The entire Endeleo product family delivers media over easily-installed, dedicated Cat 5/5e/6, and can be managed and controlled by an AMX control system or a web-based software interface. It looks easy, because we made it easy.

Flexible Push multimedia content to specific displays or select sources directly from display devices.

Expandable Supports a virtually unlimited number of displays and delivers a variety of signal types.

Cost Effective Communicates via easily-installed, dedicated Cat 5/5e/6 – pervasive in most buildings today.

Robust Distribute and manage multimedia sources; send messages, announcements and automated emergency alerts; and manage display devices – all in one, streamlined solution.

Convenient Schedule system events or use web-based management software from anywhere in the world.

UNIVERSAL DISTRIBUTION MATRIX
UDM SERIES

With the AMX Endeleo UDM Series, digital signage and other multi-format video distribution has never been easier or more cost effective. Centrally control individual display devices, switch and transmit any video source over a single Cat 5/5e/6 cable with one streamlined system. It is ideal for:

- Network Operations Centers
- Corporate Communications
- Digital Signage
- Presentation Facilities
- Hotels
- Museums
- Call Centers

MANAGED TV
TVM SERIES

The Endeleo AMX TVM Series distributes broadcast TV and recorded video to a virtually unlimited number of display devices – all over a single Cat 5/5e/6 cable. Television distribution, content management and display management is all accomplished in a single solution. It is ideal for:

- Financial Institutions
- Digital Signage
- Education Facilities
- Network Operations Centers
- Hotels
- Casinos
- Airports
- Gyms
- Sports Venues and many more...

UDM Series Products

The **UDM-1604** is the robust heart of the system, delivering any video source, including Component, RGB, VGA and S-Video, over distances of 1,000 feet / 300 meters to a virtually unlimited number of display devices.

The new **UDM-0102** is designed for smaller installations with long video/audio cable runs. It supports one RJ45 output and any combination of two RGBHV, two component video, two S-Video or six composite video inputs.

The **UDM-RX01** is the receiver installed at the display device, converting the signal received from the UDM-1604 or UDM-0102 to standard A/V signals.

ENDELEO VALUE ADDED FEATURES

Control the System with Ease
The UDM Receiver has an IR receiver port. This enables a centralized administrator to control the system or to grant permission to other users to change channels directly from the display. The TVM Receiver has an LED display for easy channel identification.

Reduce Wiring and Energy
Each TVM and UDM Receiver is phantom powered by the hub over the Cat 5/5e/6 cable, eliminating the need for local power.

Manage and Schedule Your Media
All TVM and UDM Receivers ship with Integrated Device Management (IDM) technology for use with AMX and other third party control systems. Full control sequences (both IR and Serial) can be stored in the receiver, providing the ability to control display devices on an ad-hoc or scheduled basis.

Set-up is Simple
The UDM Series comes with an on-board web browser and scheduler, enabling rapid set up, naming and scheduling of all video sources and connected display devices.

Get Your Message Across
Unique to the TVM Series is the ability to send messages to users on an ad-hoc or scheduled basis. Announcements highlighting the next broadcast or automated emergency alerts can be sent. These text messages remain on selected displays irrespective of if the user changes the channel.

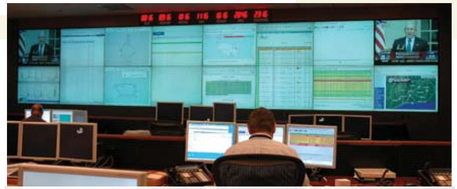
TVM Series Products

The **TVM-1600** is a comprehensive solution to switch, transmit and manage up to 192 TV / video channels over distances of 3,000 feet / 1,000 meters. Each TVM-1600 supports up to 16 displays. Need to distribute multimedia to more displays? Simply add additional TVM hubs to your system.

Installed at the display device, the **TVM-RX03** is the receiver that converts the signal received from the TVM-1600 to standard A/V signals. It provides an LED display for channel identification and local IR emitter and RS232 serial ports for control of LCD/Plasma screens, video projectors and other devices.

EDUCATION

ENTERTAINMENT

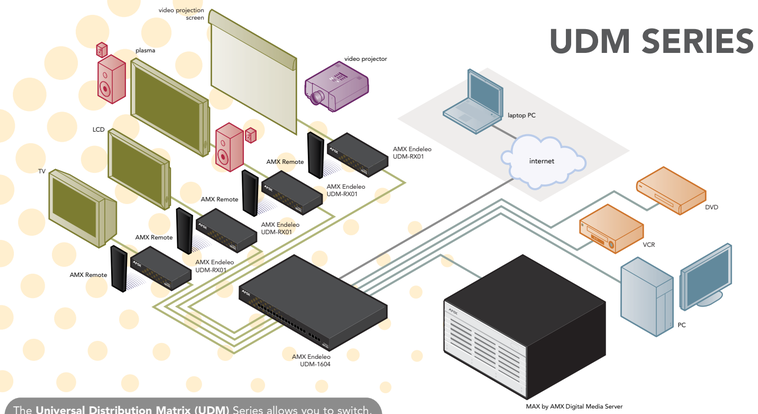


NETWORK OPERATIONS CENTERS

VISITOR CENTERS

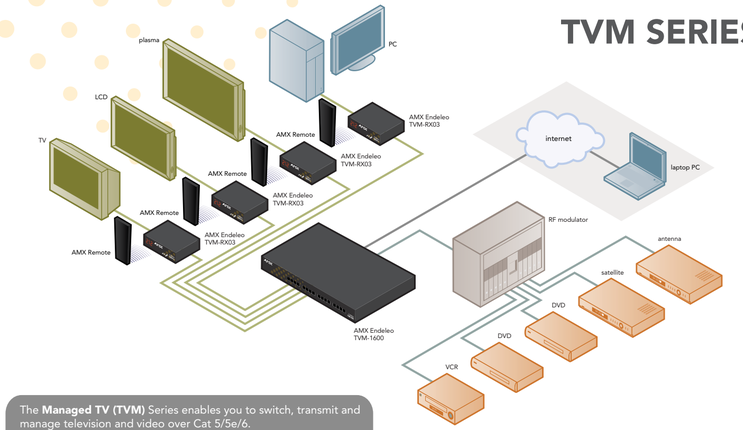
ENDELEO SYSTEM APPLICATIONS

UDM SERIES



The **Universal Distribution Matrix (UDM)** Series allows you to switch, transmit and manage any video source – including computers and media servers – over Cat 5/5e/6.

TVM SERIES



The **Managed TV (TVM)** Series enables you to switch, transmit and manage television and video over Cat 5/5e/6.

UDM-1604 Multi-format Distribution Hub

VIDEO INPUTS
- 4 Multi-Format inputs for RGB, Component, S-Video or Composite
- 4 additional Composite inputs – PAL and NTSC
- TVM-RX03 can be used as source device

AUDIO INPUTS
- 4 analog stereo, digital stereo or S/PDIF inputs
- 4 analog stereo inputs

OUTPUTS
- 16 outputs to UDM Receivers using Cat 5/5e/6
- Transmit video, audio, device control and power over single cable

DEVICE CONTROL
- Network Interface: 10baseT
- RS232 Serial Interface: 9600, 8 bit, No Parity, 1 Stop Bit
- Infrared Control: (2) 3.5 mm emitter ports to control up to 4 devices

EXPANSION
- Cascade Multi-Format inputs to other UDM Hubs for an unlimited number of displays
- 1U rack-mounting

UDM-RX01 Receiver

INPUT
- 1 input from UDM Hub using Cat 5/5e/6
- Receive video, audio, device control and power over single cable

VIDEO OUTPUTS
- 1600 x 1200 (UXGA)
- 1920 x 1080 (HDTV)
- Component YPbPr
- S-Video
- Composite - PAL and NTSC

AUDIO OUTPUTS
- Analog Stereo
- Digital Stereo
- S/PDIF

DEVICE CONTROL
- RS232 Serial Interface: 38400, 8 bit, No Parity, 1 Stop Bit
- Infrared Control: (1) 3.5 mm emitter port ; (1) 3.5 mm receiver port

DISTANCE FROM UDM HUB
- 2,300' for 720 x 480 NTSC, 720 x 576 PAL (composite) 480p, 576p (component)
- 650' for 640 x 480 VGA, 800 x 600 SVGA, 1024 x 768 XGA (VGA) 720p (component)
- 500' for 1080i (component), 1280 x 1024 SXGA (VGA)
- 400' for 1080p (component), 1600 x 1200 UXGA (VGA)

TVM-1600 Managed TV Distribution Hub

AUDIO/VIDEO SUPPORT
- Coaxial RF input
- Distributes 192 TV channels
- NTSC
  - Channels A2 to A69 (55.25 - 801.25 MHz)
  - Standards: NTSC M
- PAL/SECAM
  - Channels E2 to E69 (48.25 - 855.25 MHz)
  - Standards: PAL B/G, D/K, I, SECAM L/L
- Mono Audio

OUTPUTS
- 16 outputs to TVM Receivers using Cat 5/5e/6
- Transmit video, audio, device control and power over single cable

DEVICE CONTROL
- Network Interface: 10baseT
- RS232 Serial Interface: 9600, 8 bit, No Parity, 1 Stop Bit

EXPANSION
- Cascade TVM Hubs to support an unlimited number of displays
- 1U rack mounting

TVM-RX03 Receiver

INPUT
- 1 input from TVM Hub using Cat 5/5e/6
- Receive video, audio, device control and power over single cable
- No local power required

OUTPUTS
- Composite Video – PAL and NTSC
- Mono Audio

DEVICE CONTROL
- RS232 Serial Interface: 19200, 8 bit, No Parity, 1 Stop Bit
- Infrared Control: (1) 3.5 mm emitter port

LOCAL DISPLAY SUPPORT
- Multi-Digit LED on receiver displays current channel number
- Overlay text on video output signal
  - Ad hoc announcements or digital signage applications
  - Fully configurable from web-based software
  - Auto display of selected Channel Name and Channel Number

DISTANCE FROM UDM HUB
- 3000 feet /1000 meters

UDM-0102 Multi-format Distribution Hub

NEW

VIDEO INPUTS
- 2 Multi-Format inputs for RGB, Component, S-Video or Composite
- TVM-RX03 can be used as source device

AUDIO INPUTS
- 2 analog stereo, digital stereo or S/PDIF inputs

OUTPUTS
- 1 output to UDM Receiver using CAT5, CAT5e or CAT6
- Transmit video, audio, device control and power over single cable

DEVICE CONTROL
- Network Interface: 10baseT
- RS232 Serial Interface: 9600, 8 bit, No Parity, 1 Stop Bit
- Infrared Control: (1) 3.5 mm emitter port ; (1) 3.5 mm receiver port
- 1U rack-mounting

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made easy

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TRI-FOLD BROCHURE

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